UTILITY PATENT PLICATION TRANSMITTAL (Large Entity)

Docket No. FIS920000396US1

Total Pages in this Submission

(Only for new nonprovisional applications under 37 CFR 1.53(b))

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for invention entitled:

METHOD FOR IMPROVED PLASMA NITRIDATION OF ULTRA THIN GATE DIELECTRICS

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1				hare, Christopher P. D'Emic, Thomas T. Hwang, Paul C. Jamison, James J. Quinlivan, Beth A. Ward	\neg				
•	AS:	ASSIGNEE: INTERNATIONAL BUSINESS MACHINES CORPORATION ASSIGNEE RESIDENCE: ARMONK, NEW YORK							
It				IUATION APPLICATION, check appropriate box and supply the requisite information:					
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, m., u.,				Application Elements					
11 III.	1.	Ø	Fil	ling fee as calculated and transmitted as described below					
1 1111111	2.	X	Sp	pecification having pages and including the following:					
		a.	X	Descriptive Title of the Invention					
		b.		Cross References to Related Applications (if applicable)					
		C.		Statement Regarding Federally-sponsored Research/Development (if applicable)	1				
		ď.		Reference to Microfiche Appendix (if applicable)	1				
		₽.	×	Background of the Invention					
		f.	×	Brief Summary of the Invention					
		g.	×	Brief Description of the Drawings (if drawings filed)					
		h.	X	Detailed Description					
		i. (X	Claim(s) as Classified Below					
		j. (X	Abstract of the Disclosure					

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 Information Disclosure Statement/PTO-1449					Application Elements (C ntinued)	
b. ☑ Informal Number of Sheets 9 4. ☑ Oath or Declaration a. ☑ Newly executed (original or copy) ☐ Unexecuted b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) c. ☑ With Power of Attorney ☐ Without Power of Attorney d. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). 5. ☐ Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied to Box 4b, is considered as being part of the disclosure of the accompanying application and is he incorporated by reference therein. 6. ☐ Computer Program in Microfiche (Appendix) 7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) a. ☐ Paper Copy b. ☐ Computer Readable Copy (identical to computer copy) c. ☐ Statement Verifying Identical Paper and Computer Readable Copy Accompanying Application Parts 8. ☐ Assignment Papers (cover sheet & document(s)) 9. ☒ 37 CFR 3.73(B) Statement (when there is an assignee) 10. ☐ English Translation Document (if applicable) 11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations 22. ☐ Preliminary Amendment	3.	\boxtimes	Dra	awing(s) (whe	ien necessary as prescribed by 35 USC 113)	
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Docket No. FIS920000396US1

Total Pages in this Submission

	Accompanying Application Parts (Continued)
15.	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
17.	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.
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	CLAIMS AS FILED						
For #Filed #Allowed #Extra Rate						Fee	
Total Claims	otal Claims 13 - 20 = 0 x \$18.00						
Indep. Claims	2	- 3 =	0	x	\$80.00	\$0.00	
Multiple Dependen	t Claims (check	if applicable)				\$0.00	
					BASIC FEE	\$710.00	
OTHER FEE (spec	ify purpose)					\$0.00	
	<u></u>	,	,		TOTAL FILING FEE	\$710.00	
 Charge the amount of \$710.00 as filing fee. Credit any overpayment. Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, 							
Dated: Dated: Dated: Dated: Date Deposited with the U.S. Postal service as express Mail in an envelope addressed to: commissioner of Patents and trademarks, washington, D.C. 20231 APPLICANT AND/OR ATTORNEY REQUESTS THE DATE OF DEPOSIT AS THE FILE DATE. Date OF DATE OF DEPOSIT: Date OF DEPOSIT:							
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